

## **AMENDMENTS TO THE CLAIMS**

Please amend the claims as follows:

1-88 (Cancelled).

89. (new) A computer system for inputting, storing, organizing, retrieving, and authenticating, medical records, clinical data, and patient data, the system comprising:

means for converting medical records, clinical data, and patient data to digital records,

means for assigning a patient identifier to each said digital record,

means for integrating a first digital physician signature into each said digital record,

memory for storing said digital records therein,

means for storing said digital records in said memory and retrieving said digital records from said memory,

a physician signature database having a plurality of physician names and corresponding second digital physician signatures stored therein,

means for authenticating said digital records including means for comparing a first digital physician signature retrieved from a selected one of said digital records with a corresponding one of said second digital physician signatures retrieved from said physician signature database, and

means for outputting said digital records.

90. (new) The computer system of claim 89 wherein said stored digital records are accessible using at least one of said patient identifier, said first physician signature, a biometric characteristic of a user, and a system password.
91. (new) The computer system of claim 89 wherein said digital records are accessible via at least one of a computer network, , a telephone, a voice recognition system, a data access system.
92. (new) The computer system of claim 89 wherein said digital records are stored in a format including at least one discrete data field, wherein said data records are retrievable based on at least one of the age of said clinical data, the severity of said patient's medical condition, and the medical relevance of said clinical data in treating said patient.
93. (new) The computer system of claim 89 wherein said digital records can be updated on a 24 hour basis via one of a computer network, a telephone system, a data access system.
94. (new) The computer system of claim 89 wherein said stored digital records are encrypted.
95. (new) The computer system of claim 89 wherein a patient can wear or carry an identification means corresponding to at least one of said computer system and said patient identifier, said identification means for indicating that said patient has a medical condition and said digital records corresponding to said patient are accessible via said computer system.

96. (new) The computer system of claim 95 wherein said medical records can be accessed, updated, and changed on a 24 hour basis using at least one of the Internet, an Intranet, a telephone system, a data access system.

97 (new) The computer system of claim 89 further comprising a plurality of computers or workstations coupled to said memory for simultaneous access, processing or transmitting of said digital records.

98 (new) A process for inputting, storing, organizing, retrieving and authenticating medical records, clinical data, and personal data, the process comprising the steps of:

- converting a plurality of medical records into corresponding digital records;

- assigning a patient identifier to each said digital record;

- integrating a first digital physician signature into each said digital record;

- storing said digital records in a computer memory;

- storing a plurality of physician names and corresponding second digital physician signatures in a computer memory;

- authenticating said digital records by comparing said first physician signature to a corresponding one of said second physician signatures;

- retrieving said stored digital records for a selected patient; and

- outputting said retrieved digital records.

99. (new) The process of claim 98 wherein said step of retrieving said digital records further comprises a step of authorizing access to said computer memory, said step of authorizing including using one of said patient identifier, said first physician signature, a biometric characteristic of a user, and a password..

100. (new) The process of claim 99 wherein the step of retrieving said digital records further comprises a step of accessing said computer memory, using

at least one of a computer network, a telephone, and a voice or data access system.

101. (new) The process of claim 98 wherein said step of storing said digital records includes organizing said digital records in a page format including at least one discrete data field..

102. (new) The process of claim 98 wherein the step of outputting said digital records includes ordering said digital records based one at least one of an age of said clinical data, a degree of said patient's medical condition, and a relevance of said clinical data.

103. (new) The process of claim 98 further comprising a step of updating said digital records.

104. (new) The process of claim 98 further comprising a step of encrypting said digital records.

105. (new) The process of claim 98 further comprising a step of providing identification means wherein a patient can wear or carry said identification means, said identification means for indicating that a patient has a medical condition and medical records corresponding to said patient are accessible from an identifiable computer system.

106 (new) The process of claim 98 further comprising providing a plurality of remote computers or workstations each said remote computer or workstation for simultaneously accessing and processing said stored digital records.

107 (original) A computer system for inputting, storing, organizing, authenticating, retrieving medical records, clinical data, and patient data, the system comprising:

means for creating digital medical records, clinical data, and patient data;

means for assigning each of a plurality of users of the computer system a first user ID, said first user ID including a biometric characteristic corresponding to said user.

means for storing each said first user ID;

means for authenticating a user including comparing a second user ID obtained during a login process to said computer system to a corresponding one of said stored first user IDs.

108 (new) A process for inputting, storing, organizing, authenticating, retrieving medical records, clinical data, and patient data, the process comprising:

creating digital medical records including clinical data, and patient data corresponding to a patient;

storing said digital medical records corresponding to said patient;

assigning to a user a first user ID including a biometric characteristic corresponding to said user;

storing said first user ID; and

authenticating a user by comparing a second user ID obtained during a system login process to said stored user ID corresponding to said user.